

IN THE CLAIMS

Please amend claims 1, 2, 5, 6, 11, 12, 15, 23, 24, 27, 28, 30, and 31, as follows:

1. (Currently Amended) A method of communicating cellular network broadcast information to one or more mobile stations by a wireless local area network, the method comprising the steps of:

receiving, from ~~one or more available~~ a plurality of cellular networks or a network database, cellular network broadcast information associated with ~~the one or more available~~ and identifying the plurality of cellular networks available for communication with a mobile station;

formatting the cellular network broadcast information in a generic container message which varies in content and format in accordance with different cellular standards associated with the ~~one or more available~~ plurality of cellular networks; and

transmitting, from the wireless local area network, in an extensible authentication procedure which utilizes an extensible authentication protocol, the generic container message which includes the cellular network broadcast information for receipt and use by ~~a~~ the mobile station ~~in selecting in performing a network selection procedure to select one of the one or more available plurality of cellular networks for communication.~~

2. (Currently Amended) The method of claim 1, wherein the generic container message includes a technology-specific container field.

3. (Original) The method of claim 1, wherein the generic container message includes a tag field for identifying the generic container message.

4. (Original) The method of claim 1, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

5. (Currently Amended)) The method of claim 1, wherein the generic container message includes a data field for identifying a standard or standard organization associated with a first cellular network, and the cellular network broadcast information includes first cellular network information which identifies a first cellular network generic container message includes a first data field for identifying a first technology standard or standard organization associated with a first cellular network, and a technology-specific container field having first cellular network broadcast information which is formatted in accordance with the first technology standard or standard organization identified in the first data field.

6. (Currently Amended) The method of claim 1, wherein the one or more available cellular networks comprise a plurality of cellular networks wireless local area network is adapted for communications in accordance with IEEE 802.11, and the extensible authentication protocol comprises an Extensible Authentication Protocol (EAP).

7. (Previously Presented) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and  
second cellular network information from a second cellular network.

8. (Previously Presented) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network having a first information content; and

second cellular network information from a second cellular network having a second information content different from the first information content.

9. (Previously Presented) The method of claim 1, wherein the cellular network broadcast information includes:

first cellular network information which identifies a first cellular network; and

second cellular network information which identifies a second cellular network.

10. (Previously Presented) The method of claim 1, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

11. (Currently Amended) A method of receiving and processing cellular network broadcast information from a wireless local area network (WLAN) by a mobile station, the method comprising the steps of:

receiving, at the mobile station, in an extensible authentication procedure which utilizes an extensible authentication protocol, a generic

~~container message from a wireless local area network (WLAN) the WLAN, the generic container message including cellular network broadcast information associated with and identifying one or more available a plurality of cellular networks available for communication, the generic container message which varies varying in content and format in accordance with different cellular standards associated with the one or more available plurality of cellular networks;~~

~~decoding the generic container message to identify the cellular network broadcast information associated with the one or more available plurality of cellular networks available for communication;~~

~~storing the cellular network broadcast information in memory of the mobile station; and~~

~~selecting performing a network selection procedure to select one of the one or more available plurality of cellular networks for communication using the cellular network broadcast information stored in the memory.~~

12. (Currently Amended) The method of claim 11, wherein the generic container message includes a technology-specific container field.

13. (Original) The method of claim 11, wherein the generic container message includes a tag field which identifies the generic container message.

14. (Original) The method of claim 11, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

15. (Currently Amended) The method of claim 11, wherein the cellular network broadcast information includes:

~~first cellular network information from a first cellular network; and second cellular network information from a second cellular network~~  
~~generic container message includes a first data field for identifying a first technology standard or standard organization associated with a first cellular network, and a technology-specific container field having first cellular network broadcast information associated with the first cellular network, the first cellular network broadcast information being formatted in accordance with the first technology standard or standard organization identified in the first data field, and wherein the step of decoding includes the step of decoding the first cellular network broadcast information based on the first technology standard or standard organization identified in the first data field.~~

16. (Previously Presented) The method of claim 11, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

17. (Previously Presented) The method of claim 11, wherein the cellular network broadcast information includes first cellular network information which identifies a first cellular network and second cellular network information which identifies a second cellular network, the method further comprising:

selecting one of the first and the second cellular networks for communication through the wireless local area network.

18. (Previously Presented) The method of claim 11, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network which operates in accordance with a first communication standard; and

second cellular network information from a second cellular network which operates in accordance with a second communication standard different from the first communication standard.

19. (Previously Presented) The method of claim 11, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network having a first information content; and

second cellular network information from a second cellular network having a second information content different from the first information content.

20. (Original) The method of claim 11, wherein one of the cellular networks operates in accordance with a 3<sup>rd</sup> Generation Project Partnership (3GPP) standard.

21. (Original) The method of claim 1, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.

22. (Original) The method of claim 11, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.

23. (Currently Amended) A wireless local area network which is adapted to communicate cellular network broadcast information to one or more mobile stations by receiving, from ~~one or more available~~ a plurality of cellular networks or a network database, cellular network broadcast information associated with and identifying the ~~one or more available~~ plurality of cellular networks ~~available for communication;~~ formatting the cellular network broadcast information in a generic container message which varies in content and format in accordance with different cellular standards associated with the ~~one or more available~~ plurality of cellular networks; and transmitting, in an extensible authentication procedure which utilizes an extensible authentication protocol, the generic container message for receipt and use by a mobile station ~~for selecting in performing a network selection procedure to select one of the~~ ~~one or more available~~ plurality of cellular networks for communication.

24. (Currently Amended) The wireless local area network of claim 23, wherein the generic container message includes a technology-specific container field.

25. (Original) The wireless local area network of claim 23, wherein the generic container message includes a tag field for identifying the generic container message.

26. (Original) The wireless local area network of claim 23, wherein the generic container message includes a data field for

identifying a technology standard or standard organization associated with a first cellular network.

27. (Currently Amended) The wireless local area network of claim 26, wherein the cellular network broadcast information includes first cellular network information which identifies the first cellular network generic container message includes a first data field for identifying a first technology standard or standard organization associated with a first cellular network, and a technology-specific container field having first cellular network broadcast information which is formatted in accordance with the first technology standard or standard organization identified in the first data field.

28. (Currently Amended) The wireless local area network of claim 23, wherein the one or more available cellular networks comprise a plurality of cellular networks wireless local area network is adapted for communications in accordance with IEEE 802.11, and the extensible authentication protocol comprises an Extensible Authentication Protocol (EAP).

29. (Original) The wireless local area network of claim 23, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and  
second cellular network information from a second cellular network.

30. (Currently Amended) A mobile station, comprising:  
a controller;  
memory coupled to the controller;

a radio frequency (RF) transceiver coupled to the controller;  
an antenna coupled to the RF transceiver;  
the mobile-station RF transceiver being operative to receive, in an extensible authentication procedure which utilizes an extensible authentication protocol, a generic container message from a wireless local area network, the generic container message including cellular network broadcast information associated with and identifying one or more available a plurality of cellular networks available for communication, and the generic container message varying in content and format in accordance with different cellular standards associated with the one-or-more-available plurality of cellular networks;

the mobile-station RF transceiver and the controller being further operative to decode the generic container message to identify the cellular network broadcast information associated with the one-or-more available plurality of cellular networks;

the mobile-station controller being further operative to store the cellular network broadcast information in memory of the mobile station; and

the mobile-station controller being further operative to perform a network selection procedure to select one of the one-or-more-available plurality of cellular networks for communication using the cellular network broadcast information stored in the memory.

31. (Currently Amended) The mobile station of claim 30, wherein the generic container message includes a technology-specific container field.

32. (Original) The mobile station of claim 30, wherein the generic container message includes a tag field which identifies the generic container message.

33. (Original) The mobile station of claim 30, wherein the generic container message includes a data field for identifying a technology standard or standard organization associated with a first cellular network.

34. (Original) The mobile station of claim 30, wherein the cellular network broadcast information includes:

first cellular network information from a first cellular network; and  
second cellular network information from a second cellular network.

35. (Original) The mobile station of claim 30, wherein the cellular network broadcast information includes a mobile network code (MNC) and a mobile country code (MCC) which identifies a first cellular network.

36. (Original) The mobile station of claim 30, wherein the mobile station is further operative to store the cellular network broadcast information for a cellular network in association with its set service identifier or "SSID".

37. (Original) The mobile station of claim 30, wherein the cellular network broadcast information includes a System Identification (SID) which identifies a first cellular network.